

ATTY DOCKET NO.

00862.003016

APPLICATION NO.

09/374,580

APPLICANT

TATSUO FURUKAWA ET AL.

FILING DATE

August 16, 1999

GROUP

2854

U.S. PATENT DOCUMENTS

EXAMINER TRADEMARK INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CH	5,851,075	12/22/98	Imai	400	120	
CH	5,886,713	03/23/99	Okada et al.	347	14	
CH	5,838,341	11/17/98	Hiwada	347	14	
CH	5,892,532	04/06/99	Katakura et al.	347	240	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
CH	JP	09 131879	05/20/97	Japan			x
CH	EP	0 694 391	01/31/96	EPO			Orig. Engl.
CH	JP	08 252926	10/01/96	Japan			x
CH	EP	0 631 870	01/04/95	EPO			Orig. Engl.
CH	JP	08 244231	09/24/96	Japan			x

x Counterpart US patents enclosed

EXAMINER

NOCHAN

DATE CONSIDERED

3-22-03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Ch	4,740,796	4/1988	Endo et al.	346	1.1	
Ch	5,602,576	2/1997	Murooka et al.	347	59	
Ch	5,731,828	3/1998	Ishinaga et al.	347	62	
Ch	5,851,075	12/1998	Imai	400	120.14	
Ch	5,880,762	3/1999	Ishinaga et al.	347	62	
Ch	5,892,532	4/1999	Katakura et al.	347	240	
Ch	6,116,714	9/2000	Imanaka et al.	347	19	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
Ch	8-244231	9/1996	Japan			Abst.
Ch	8-252926	10/1996	Japan			Abst.
Ch	8-034137	2/1996	Japan			Abst.
Ch	9-131879	5/1997	Japan			Abst.
Ch	0,571,093	11/1993	EPO			
Ch	0,631,870	1/1995	EPO			
Ch	0,661,162	7/1995	EPO			
Ch	0,694,391	1/1996	EPO			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CH	4,313,124	1/1982	Hara	346	140R	
CH	4,345,262	8/1982	Shirato et al.	346	140R	
CH	4,459,600	7/1984	Sato et al.	346	140R	
CH	4,463,359	7/1984	Ayata et al.	346	1.1	
CH	4,558,333	12/1985	Sugitani et al.	346	140R	
CH	4,608,577	8/1986	Hori	346	140R	
CH	4,723,129	2/1988	Endo et al.	346	1.1	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
CH	54-56847	5/1979	Japan			Abst.
CH	59-123670	7/1984	Japan			Abst.
CH	59-138461	8/1984	Japan			Abst.
CH	60-71260	4/1985	Japan			Abst.
CH	5-185594	7/1993	Japan			Abst.
CH	8-72310	3/1996	Japan			Abst.
CH	8-156,257	6/1996	Japan			Abst.

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (See several sheets if necessary) OCT 15 2002 U.S. PATENT AND TRADEMARK OFFICE			ATTY DOCKET NO. 00862.003016		APPLICATION NO. 09/374,580		
			APPLICANT TATSUO FURUKAWA ET AL.				
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FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT	
CH	EP 0 661 162	07/05/95	EPO			Eng. Orig.	
CH	JP 08 156257	06/18/96	Japan			Abstract	
CH	JP 08 072310	03/19/96	Japan			x	
CH	EP 0 571 093	11/24/93	EPO			Orig. Eng.	
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
CH	Patent Abstracts of Japan, vol. 1996, no. 06, 6/28/96 (JP 08- 034137, 2/6/96)						
CH	x	Counterpart US patent enclosed					

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